Complete range of wireless ‘add-on’ nodes for pulse, 4-20mA, 0-10V, relays, M-Bus and Modbus (ZPC, ACT, ZIO, ZVO, ZMB)

Front Panel
Let users arm and disarm the system locally and remove a site from a dispatch event, with clear LED indicators showing the current status

Fully Secure
Security from ‘sensor to server’ with ZigBee AES 128-bit encrypted communications

IP67 (NEMA 4) Enclosure
Water and dust-proof polycarbonate enclosures as standard

Frequency and Demand Response
(ZDR)

Monitor main incoming electricity meters remotely

Remote Site or Asset

Live Stream
Send data to the server every second, or ‘only when a change is detected’ with delta reporting mode

80ms Reaction Time
Use the 4x on-board Form C relays to switch load or move sites to backup generation within 80 milliseconds of an under-frequency event

Expand Easily
Add any other EpiSensor nodes for monitoring 4-20mA, 0-10V, Modbus, etc.

Network
Onboard 3G / 4G cellular, Wi-Fi and dual Ethernet (with PoE) for wide area network connectivity.

to local systems via:
- Modbus TCP
- REST API
- OPC UA
- other protocols using EdgeX Foundry

to private / public cloud

EpiSensor Gateway
(NGR-30-5)
Based on Dell Edge Gateway 3002

EPI-121-00